

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-10 (canceled).

11. (currently amended): A method of storing or transferring an image along with an image-processing parameter for processing said image, said method comprising, when storing or transferring a second image for storage or transfer which has a second resolution for storage or transfer differing from a reference resolution, the steps of:

correcting a reference image-processing parameter set according to a reference resolution image having said reference resolution, based on a difference between said reference resolution and said second resolution, so that it becomes a second parameter corresponding to said second image;

storing or transferring said second parameter obtained by said correction, along with said second image,

wherein said second parameter comprises at least one transform function~~The method according to claim 10, and~~

wherein said second parameter comprises a plurality of transform functions and each of said plurality of transform functions respectively corresponds to each image signal of said reference resolution image.

12. (canceled).

13. (currently amended): A method of storing or transferring an image along with an image-processing parameter for processing said image, and processing said stored or transferred

image by use of said stored or transferred parameter, said method comprising, when storing or transferring a second image for storage or transfer which has a second resolution for storage or transfer differing from a reference resolution, the steps of:

storing or transferring information on a reference image-processing parameter set according to a reference resolution image having said reference resolution and information on said reference resolution along with said second image;

correcting said stored or transferred reference image-processing parameter, based on said stored or transferred information on said reference resolution, so that it becomes a second parameter corresponding to said stored or transferred second image; and

processing said stored or transferred second image by use of said second parameter obtained by said correction,

wherein said second parameter comprises at least one transform function~~The method~~
according to claim 12, and

wherein said second parameter comprises a plurality of transform functions and each of said plurality of transform functions respectively corresponds to each image signal of said reference resolution image.

14. (canceled).

15. (currently amended): An apparatus for storing or transferring an image along with an image-processing parameter for processing said image, said apparatus comprising:

parameter correction means for correcting a reference image-processing parameter set according to a reference resolution image having a reference resolution, based on a difference

between said reference resolution and a second resolution for storage or transfer differing from said reference resolution, so that it becomes a second parameter corresponding to a second image for storage or transfer which has said second resolution; and

means for storing or transferring said second parameter obtained by said correction, along with said second image,

wherein said second parameter comprises at least one transform function~~The apparatus according to claim 14, and~~

wherein said second parameter comprises a plurality of transform functions and each of said plurality of transform functions respectively corresponds to each image signal of said reference resolution image.

16. (canceled).

17. (currently amended): A system for storing or transferring an image along with an image-processing parameter for processing said image, and processing said stored or transferred image by use of said stored or transferred parameter, said system comprising:

means for storing or transferring information on a reference image-processing parameter set according to a reference resolution image having a reference resolution and information on said reference resolution, along with a second image for storage or transfer which has a second resolution for storage or transfer differing from said reference resolution;

parameter correction means for correcting said stored or transferred reference image-processing parameter, based on said stored or transferred information on said reference resolution, so that it becomes a second parameter corresponding to said stored or transferred second image; and

means for processing said stored or transferred second image by use of said second parameter obtained by said correction,

wherein said second parameter comprises at least one transform function~~The system according to claim 16, and~~

wherein said second parameter comprises a plurality of transform functions and each of said plurality of transform functions respectively corresponds to each image signal of said reference resolution image.

18. (canceled).

19. (currently amended): An image processor comprising:

parameter correction means for correcting a stored or transferred reference image-processing parameter, based on stored or transferred information on a reference resolution, so that it becomes a second parameter corresponding to a stored or transferred second image; and

means for applying a predetermined image process to said stored or transferred second image use of said second parameter obtained by said correction,

wherein said second parameter comprises at least one transform function~~The system according to claim 18, and~~

wherein said second parameter comprises a plurality of transform functions and each of said plurality of transform functions respectively corresponds to each image signal of said reference resolution image.

20. (previously presented): A method of storing or transferring an image along with an image-processing parameter for processing said image, said method comprising, when storing or transferring a second image for storage or transfer which has a second resolution for storage or transfer differing from a reference resolution, the steps of:

correcting a reference image-processing parameter set according to a reference resolution image having said reference resolution, based on a difference between said reference resolution and said second resolution, so that it becomes a second parameter corresponding to said second image;

storing or transferring said second parameter obtained by said correction, along with said second image,

wherein said second parameter is calculated by shifting a reference transform function such that a peak first wavelength of a first image signal corresponding to said reference transform function becomes the same as a second wavelength of a second image signal obtained from information related to the reference resolution image.

Claims 21 and 22 (canceled).